

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005418.D
 Acq On : 23 Jul 2021 16:11
 Operator : SY/MD
 Sample : VY0723SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBL01

Quant Time: Jul 24 02:59:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

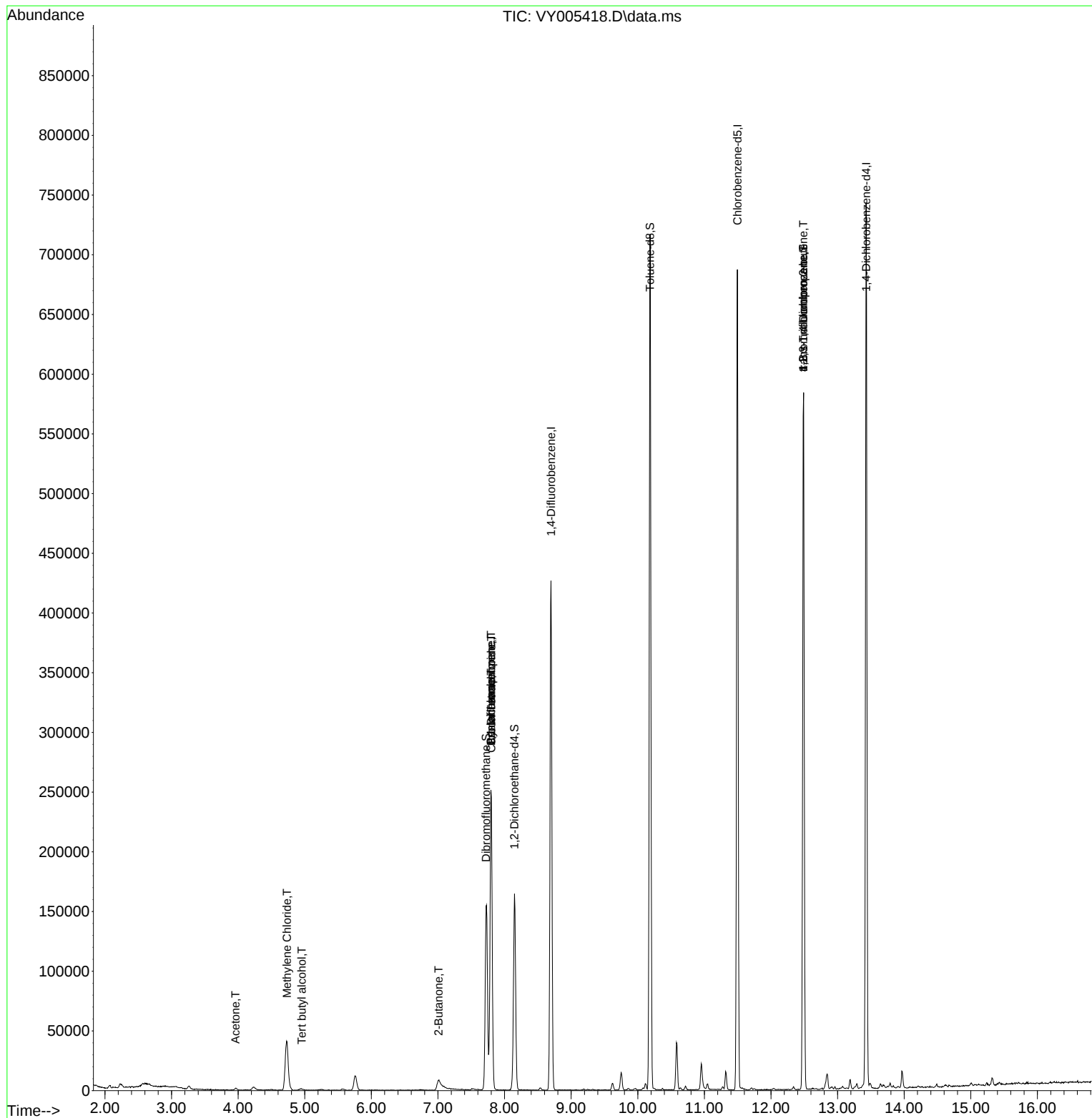
Internal Standards						
1) Pentafluorobenzene	7.795	168	205190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	358596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	366346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132938	60.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.280%	
35) Dibromofluoromethane	7.722	113	108536	52.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.840%	
50) Toluene-d8	10.185	98	459691	52.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.760%	
62) 4-Bromofluorobenzene	12.483	95	160596	55.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2000	9.658	ug/l #	82
16) Acetone	3.960	43	2147	4.289	ug/l #	88
20) Methylene Chloride	4.735	84	31495	9.934	ug/l	97
25) 2-Butanone	7.009	43	787	1.050	ug/l #	47
31) Cyclohexane	7.795	56	3825	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14224	4.102	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19275	5.087	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	88623	47.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88623	92.570	ug/l #	11

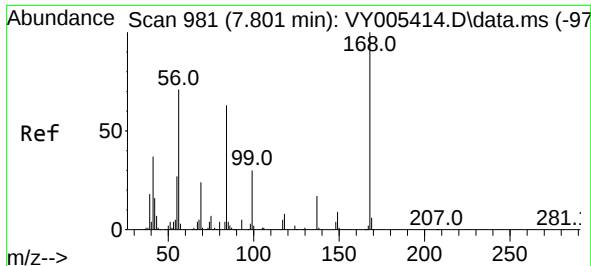
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

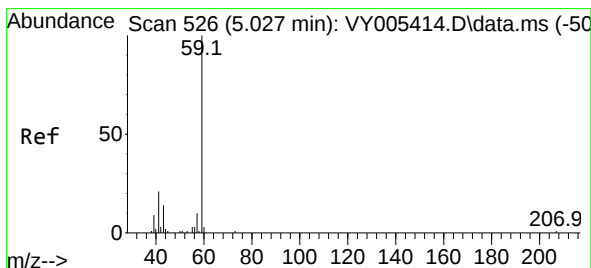
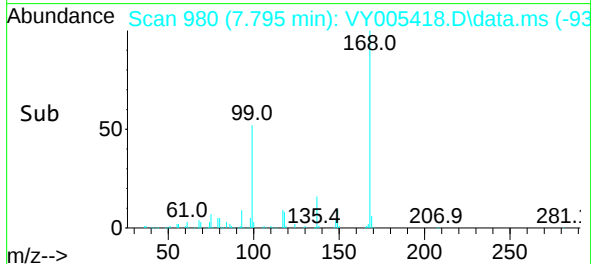
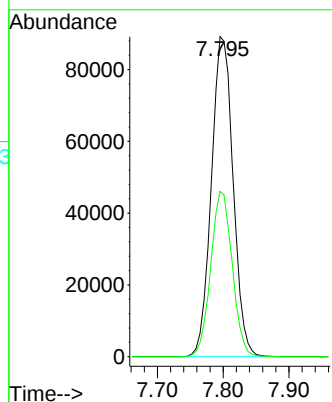
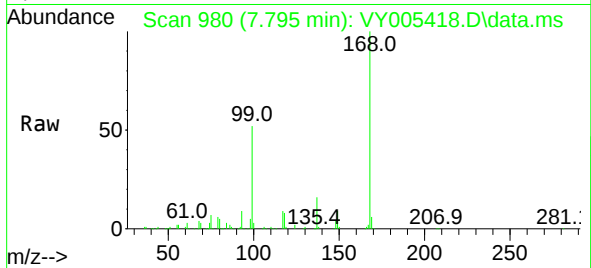




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

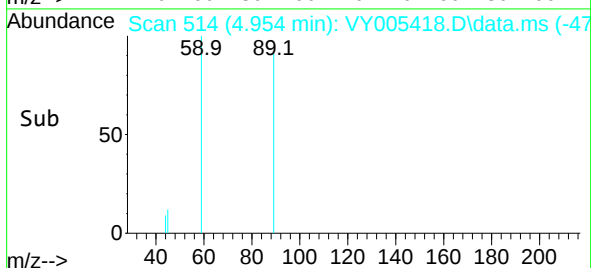
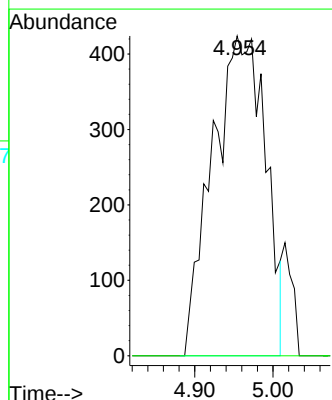
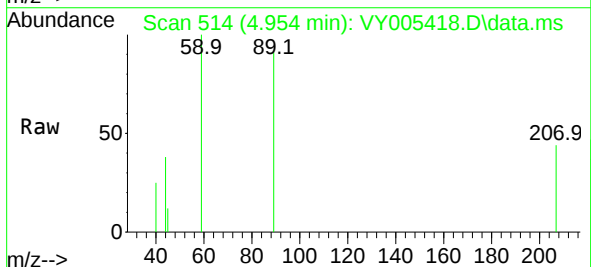
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBL01

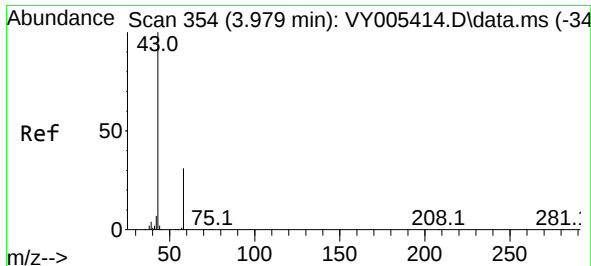
Tgt Ion:168 Resp: 205190
Ion Ratio Lower Upper
168 100
99 51.6 39.8 59.6



#11
Tert butyl alcohol
Concen: 9.658 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.073 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion: 59 Resp: 2000
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

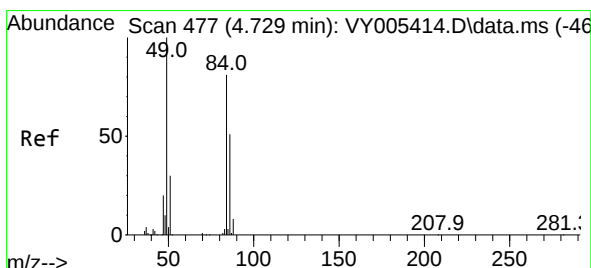
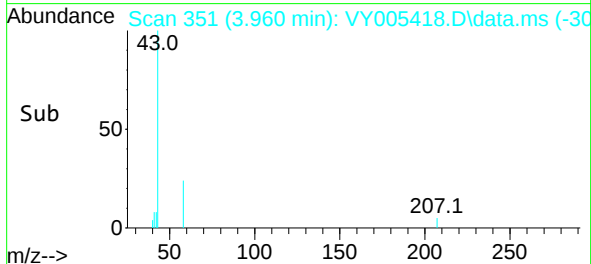
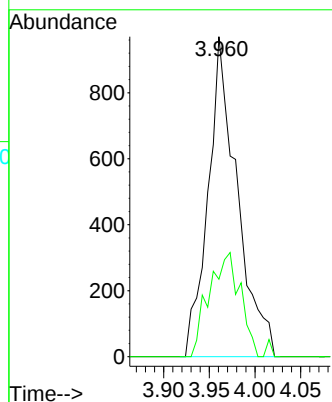
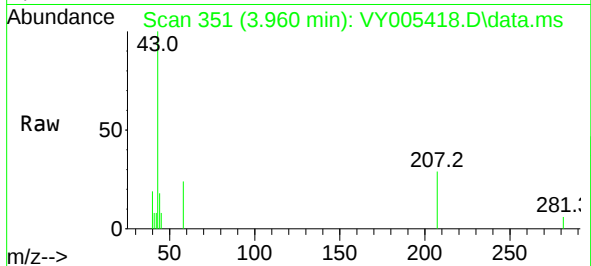




#16
Acetone
Concen: 4.289 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

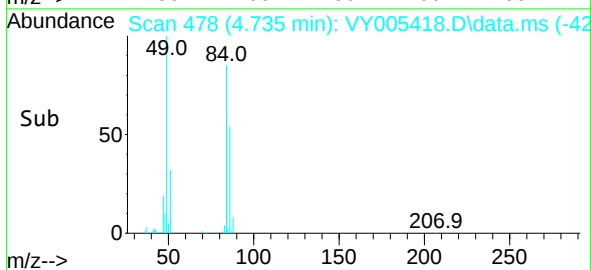
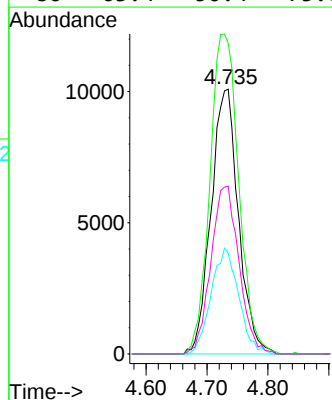
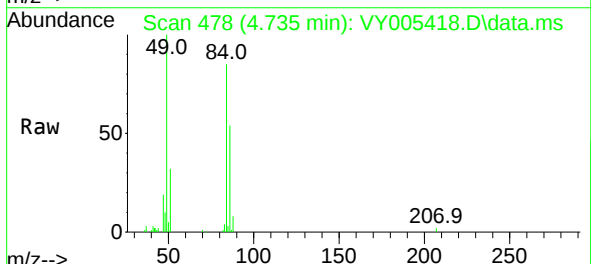
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBL01

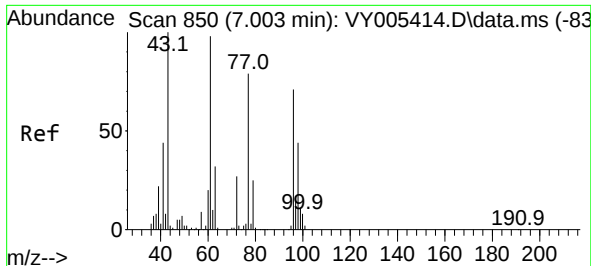
Tgt Ion: 43 Resp: 2147
Ion Ratio Lower Upper
43 100
58 24.2 24.5 36.7#



#20
Methylene Chloride
Concen: 9.934 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

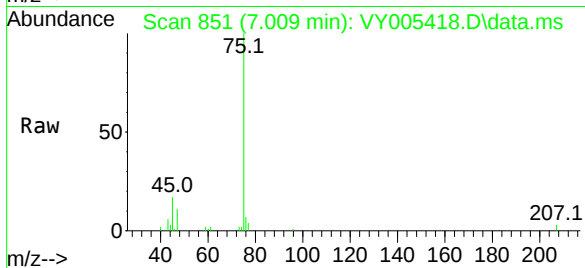
Tgt Ion: 84 Resp: 31495
Ion Ratio Lower Upper
84 100
49 117.3 98.9 148.3
51 38.1 30.0 45.0
86 63.4 50.4 75.6



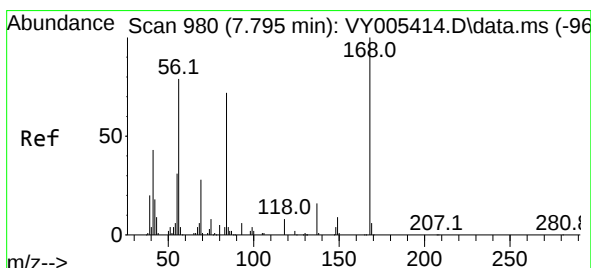
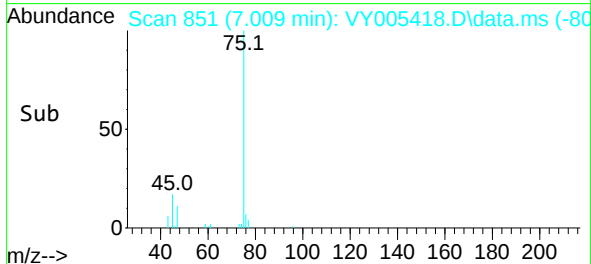
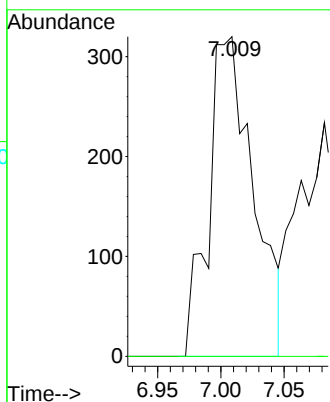


#25
2-Butanone
Concen: 1.050 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBL01

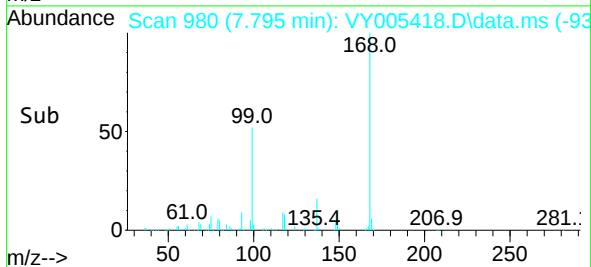
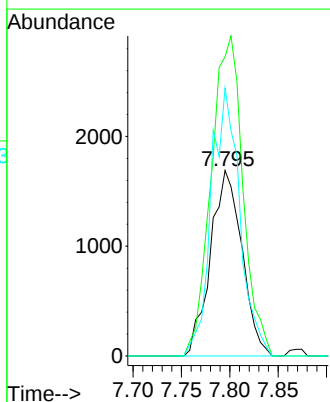
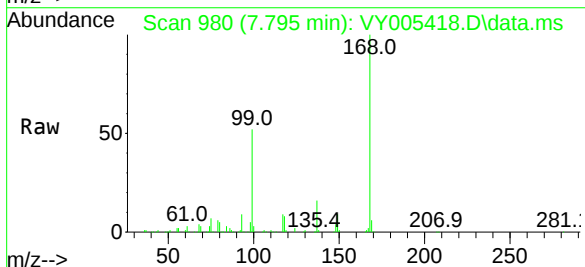


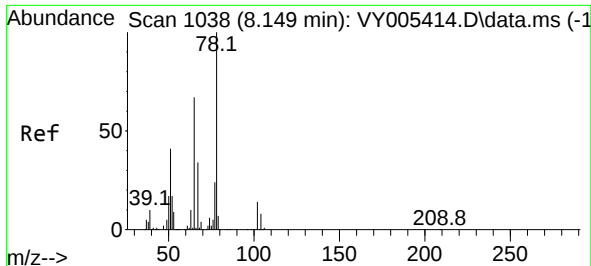
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion: 56 Resp: 3825
Ion Ratio Lower Upper
56 100
69 161.4 28.7 43.1#
84 144.6 73.0 109.6#

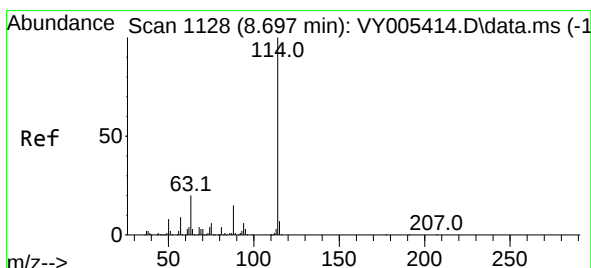
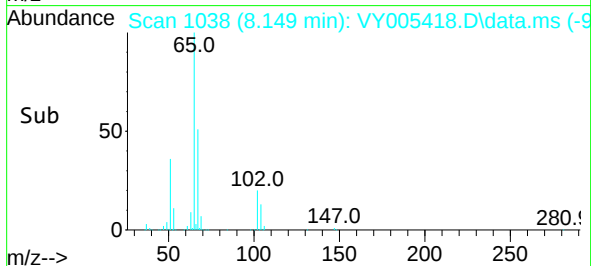
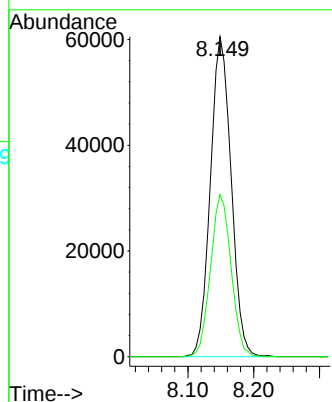
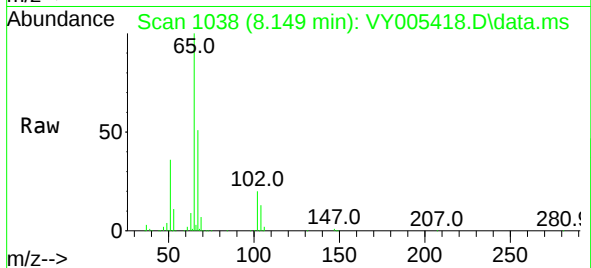




#33
1,2-Dichloroethane-d4
Concen: 60.644 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

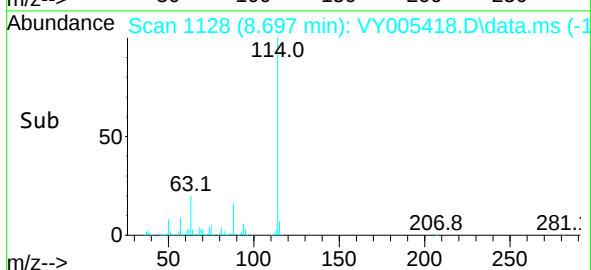
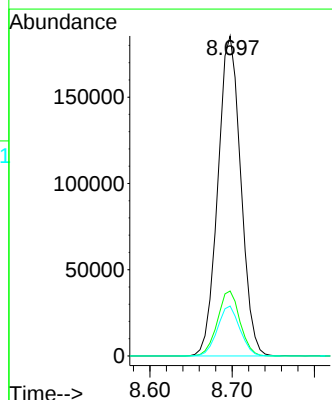
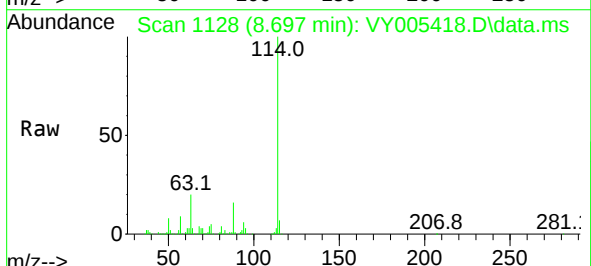
Instrument :
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ClientSampleId :
VY0723SBL01

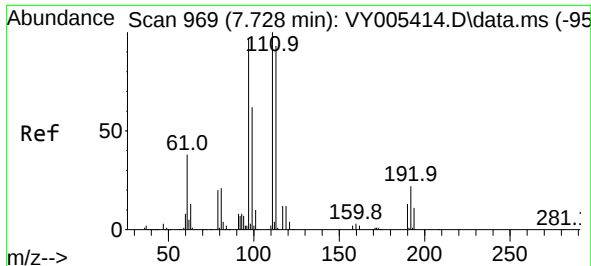
Tgt Ion: 65 Resp: 132938
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion:114 Resp: 358596
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.6 0.0 30.8

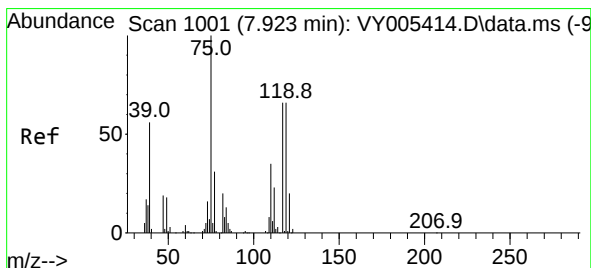
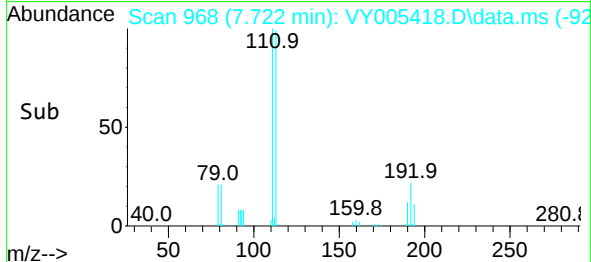
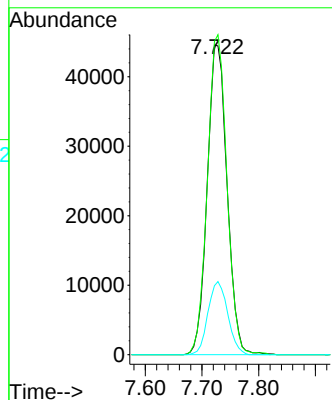
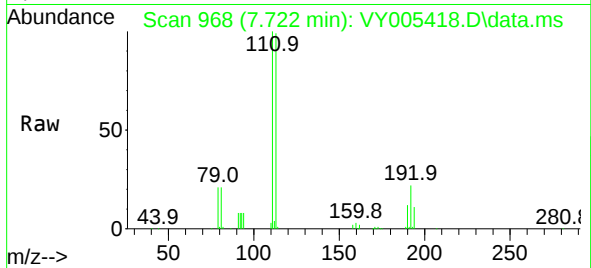




#35
Dibromofluoromethane
Concen: 52.419 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

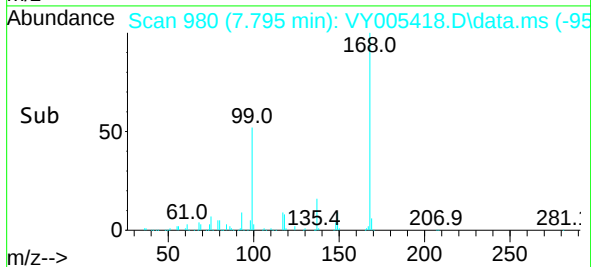
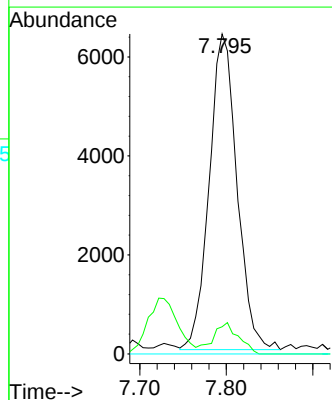
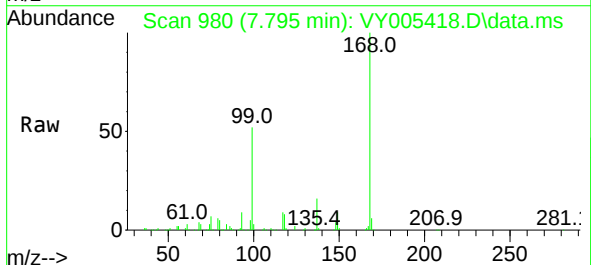
Instrument :
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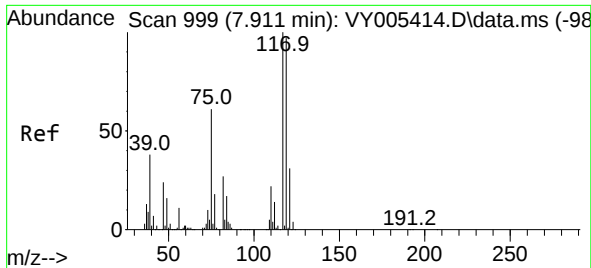
Tgt Ion:113 Resp: 108536
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 23.5 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion: 75 Resp: 14224
Ion Ratio Lower Upper
75 100
110 8.7 17.6 52.9#
77 0.0 24.6 37.0#

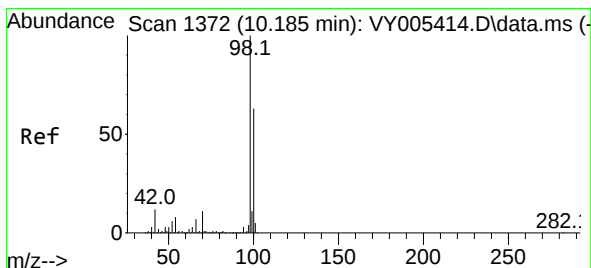
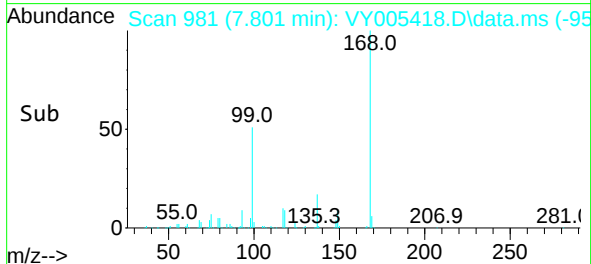
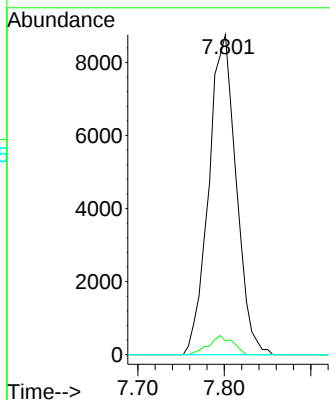
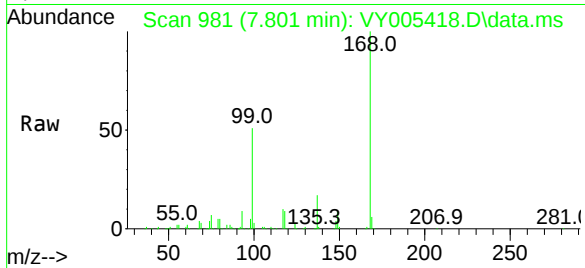




#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

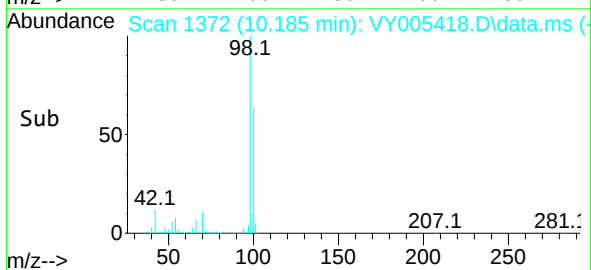
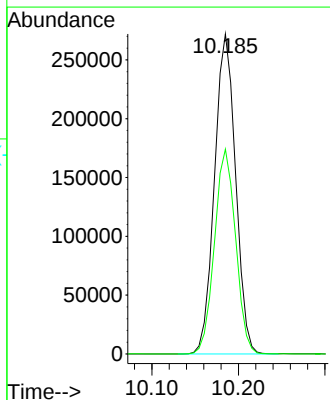
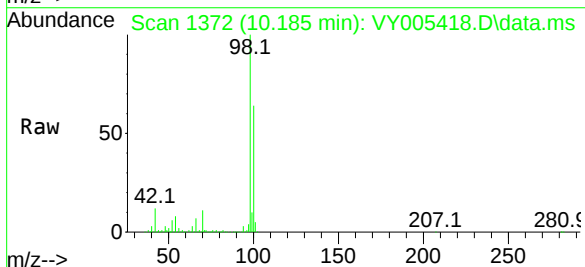
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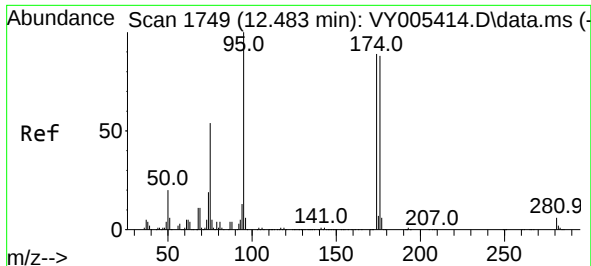
Tgt Ion:117 Resp: 19275
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.381 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion: 98 Resp: 459691
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

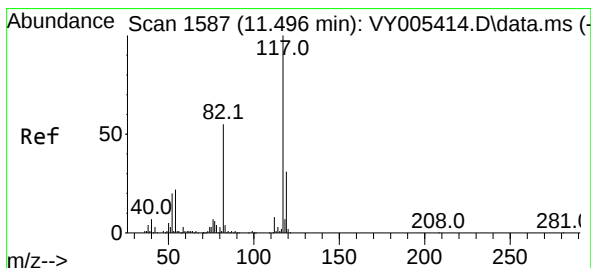
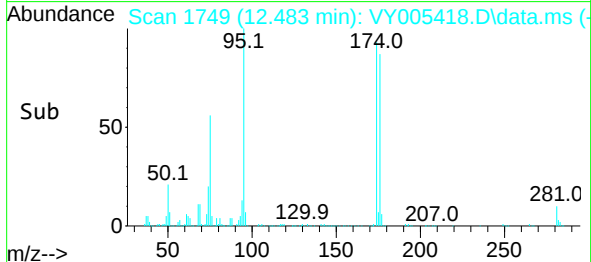
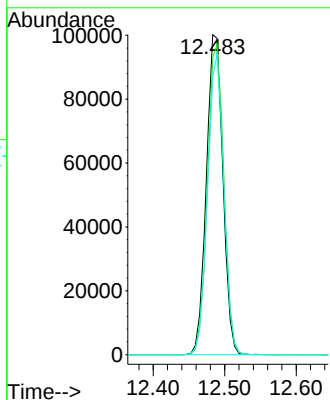
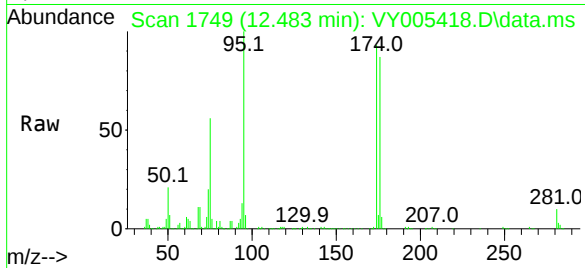




#62
4-Bromofluorobenzene
Concen: 55.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

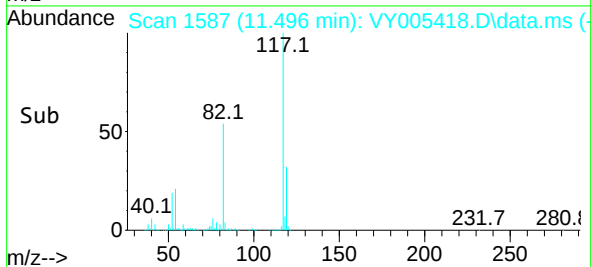
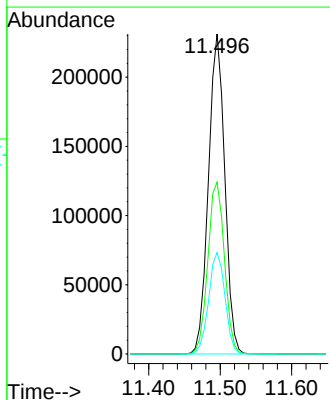
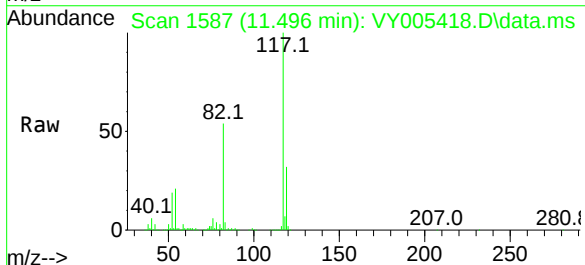
Instrument :
MSVOA_Y
ClientSampleId :
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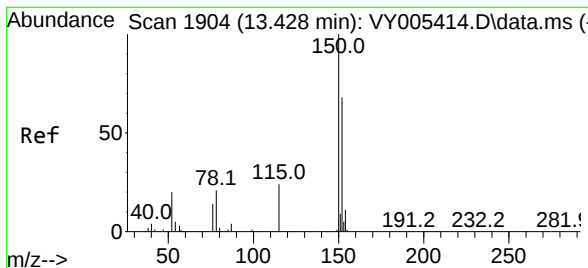
Tgt Ion: 95 Resp: 160596
Ion Ratio Lower Upper
95 100
174 96.5 0.0 186.6
176 91.9 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005418.D
Acq: 23 Jul 2021 16:11

Tgt Ion: 117 Resp: 366346
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.6
119 31.7 24.8 37.2

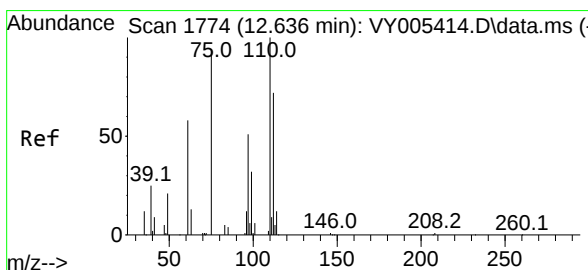
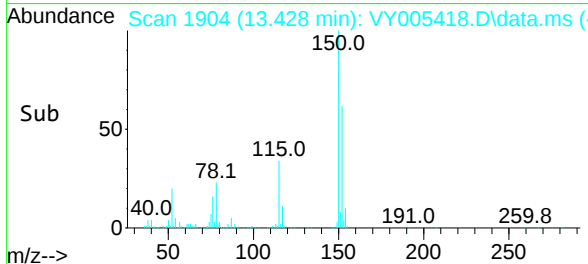
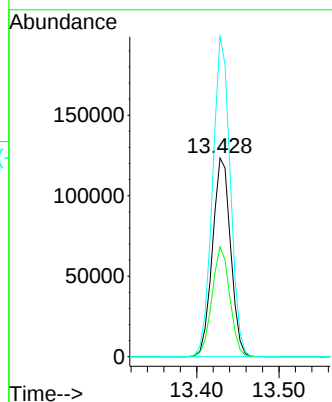
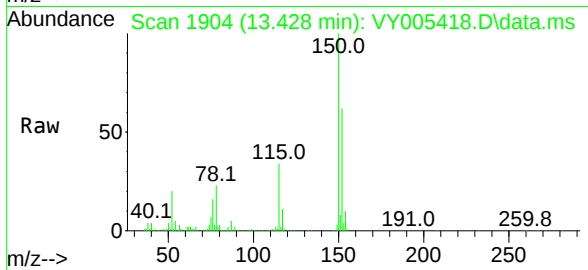




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005418.D
 Acq: 23 Jul 2021 16:11

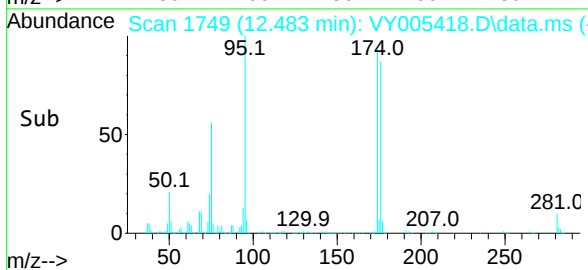
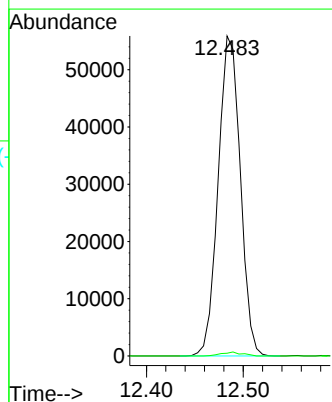
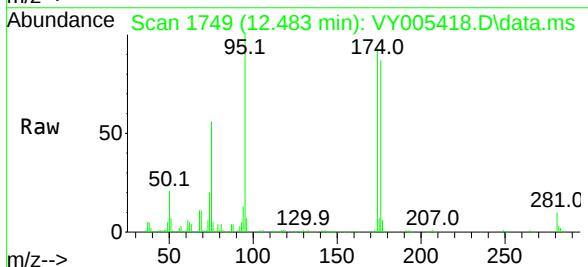
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBL01

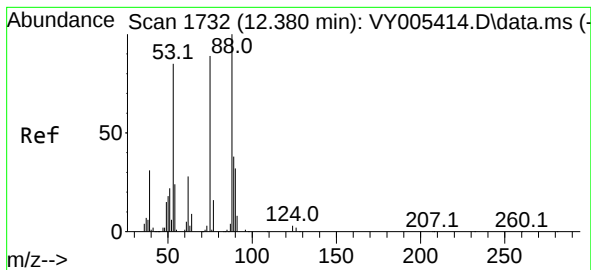
Tgt Ion:152 Resp: 188920
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.7 83.1
 150 157.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 47.674 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005418.D
 Acq: 23 Jul 2021 16:11

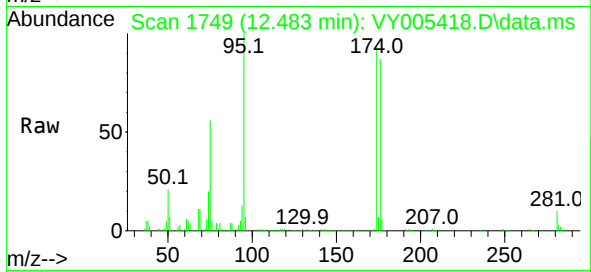
Tgt Ion: 75 Resp: 88623
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.570 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005418.D
 Acq: 23 Jul 2021 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBL01



Tgt Ion: 75 Resp: 88623
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.1 36.9 55.3#

